GenCore version 5.1.4..p5_4578 Copyright (c) 1993 - 2003 Compugen Ltd.

OM nucleic - nucleic search, using sw model	on: April 13, 2003, 92:11:28 ; Search time :29.415 Seconds (without alignments) 3373.191 Million cell updates/sec	e: US-09-813-990A-1_COPY_441_455 ect Score: 15 ence: l 99ttlcgttlctqct 15	ing table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0	ched: 2054640 segs, 14551402878 residues	Total number of hits satisfying chosen parameters: 4139280	Minimum DB seq length: 0 Maximum DB seq length: 2000000000
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Halocynthia roretzi HrITGAl mRNA for integrin alpha Hrl, complete
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      whose products are homologues to a family of ATP binding proteins Microbiology 143 (Pt.4), 1389-1394 (1997)
                                                                                                                                                     Submitted (29-DEC-1995) Jaroslaw E. Krol, General Microbiology,
M.Curie-Sklodowska University, Akademicka 19, Lublin, 20-033,
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IYPDVANGARKSOITVYIERSKAVEITAITVFELGSKTDIENCTDNIVVNITSVQVGFT
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Closing and characterization of incegric alpha subc.its from the
scolitary ascidian, Halocyptinia novetri
J. Immuncl. 166 (3), 1716-1215 (2001)
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100.0%; Pred. No. 9.9e+62;
Eukaryota: Metazoa, Chordata: Crothordata: Asoldiacea:
Stolidobrapchia: Pyuridae; Halocynthia.
] (Sites)
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/protein_i3="awa21479.1"
/db_xref="07:12583699"
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/dh_xref="naxon:7729"
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Locus

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/db_xief="SPIPEMBL:Q52900"
/ttanslation="MICACLWRADD"
KTVAPGISHTON="MICACLWRADD"
KTVAPGISHTREGOWGPA:LFIBHAACHBREWKUSVARSOFISHALIFFDRWYARGP
ILIELYANNALHREWSLAGSKRINGPIHALIFFURGP

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        GLASKKOGTAEJIKGIVVQINATNOSIGIIEBELGGIDVIYKKGIVTLERESARJOTT
REPOQURCANGKGISKALIRINGGIOLORERARIIANTITOVANJINATIREPAR
REIGOTOSI RAMAHISISKAPHYVNIVTIRGOILIAVVEKINELI VEAKVATFOLE.
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Pleaseband. R.D., Aliand.D., Elsen.J.A., Carpenter.D., Shite,C., Pleaschmann. R.D., Aliand.D., Elsen.J.A., Carpenter.D., Shite,C., Peterson,J., DeBoy.A., Dodson,R., Gwinn, H., Hickey,E., Kolonay,J.F., Kolonay,J.E., Molson,W.C., Omayas,L.A., Ermolaeva,M., Salberq.S.L., Delcher.A., Utterback,I., Weidnau.J., Kholri,H., Salberq.S.L., Delcher.A., Utterback,I., Weidnau.J., Kholri,H., Salberq.S.L., Delcher.A., Utterback,I., Weidnau.J., Kholri,H., Salberq.S.L., Delcher.D., Shali,W.
Direct Schmission
Submitted (25-APR-2001) The Institute for Genomic Research, 2712
Medical Center Dr. Rockville, Mr. 28850, USA
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Mycobacterium; Mycotacterium; Lubereniasis complex;
(bases 1 to 2916).
Pleischmain, R.D., Alland, D., Eisen, J.A., Carpenteri, While, D.,
Peterson, J., DeBoy, R., Dodson, R., Gwins, M., Hatt, D., Hirkey, E.,
Kolonay, J.F., Nelson, W., Grayam, D.A., Brachaeva, X.,
Salzberg, S.L., Deshor, A., Illerback, T., Weldman, T., Kunti, H.,
Gill, J., Mikela, A. and Bishal, M.
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/protein_id "NAK6801.1"
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/gene-"MT1018"
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VSFGLRAGSALGVIGYSASGRSSLARAMGIWPTVRGSIRLDGAALDGWDGDALGRHI
GYLPPODVELFSGTVAQUITGFRKERAPSEVVVAAARAARVBHILIRLPWSYSTETGEG
AALSAGORORIAHARALYGEPELVVLDEPUSNLDEEGERALSAAIMSYRARGGIVVVI
AHRSGVLAVCDFVLMMQEGRMIAFGPKEEVLARVSRPEAARTPIAERVAGLKVVVDGM
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LRDFDQIRTFLSGMGPTAMFDLPWLPFYIVICFLFHPAIGYIAIGGSLVLAILTFMIN
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SDVGNGYATLSKIFRIALQSGTLATGAILVIQGQASSGIIIAGSILISRALAPVEAAI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Submitted (24-MAY-1996) J.E. Krol, Maria Curie Sklodowska University - Lublin, Dept. of General Microbiology, Akademicka 19, Pt. 20 033 Lublin, PoLAND. On Jan 29, 1997 this sequence version replaced gi:1360123. Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Identification of genes in Rhizobium leguminosarum by, tritolist whose products are homologues to a family of ATP-binding proteins Microbiology 143 (Pt 4), 1389-1394 (1997)
                                                                                                                                                                                                                                                                                                                                                                    Bacteria: Proteobacteria; alpha subdivision; Rhizobiaceae group:
Rhizobiaceae; Rhizobium.
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/db_xref="GI:1360124"
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                                                                                                                                                                                       5263 hp
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Rhizoblum leguminosarum.
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/clone_lib-"pARF136"
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Krol, J. and Skorupska, A.
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1256. .2968
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/gene="prsD"
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2984. .4285
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/elone="88a6"
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Fest Local Similarity 160.0
Matches 11, Conservative
                                                                                                                      read cog888a6.ttla.
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        138 Incresiones 128
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Mammalia; Eutheria; Primates; Catarriini; Hominidae; Homo.
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                                                                          Gaps
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Janjic,N., Gold,L., Schmidt,P. and Vargeese,C.
Vascular endothelial growth factor (VEGF) Nucleic Acid Ligand
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                                              Length 51;
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                                                                     0; Mismatches
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/db_xref="taxon:9606"
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H. Sapiens CpG island DNA genomic Msel Tragment, clone Base, forward
PRI 22-00F-1995
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H.sapiens CpC island DNA genomic Msel fragment, clone 88a6, reverse
read cpq88a6.rtla.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Vector: pGEM-521(-)
Clones are available from the UK MKC Human Genome Mapping Broject
Resource Centra, Hinxton, Carbitageshire CHID ING, UK. See OHL:
http://www.hgrp.mrc.ac.uk/ For details
                                                                                                                                                                                                                                                                                                                                                        Elect Subcission
Submitted (26 OCT-1995) The Sunger Centra, Hinkton, Cembradgesching
(2815-180) England. Email Suntact: Aunquery/Sanger actick
(Cross 1 to 166) E mail Suntact: Aunquery/Sanger actick
(Cross S. Hi. Offer Sunday and Bird,A.P.)
Puritical Color (26 Islands using a methydated PRA binding column
Nat. Genet. 6 (3): 236-244 (1994)
                                                                                                                                                                                                                                   Eukarypila, Metazoa, Chordata, Craniata, Vertebrata, Estejenstoni)
Mammalia, Butherja, Primstes, Catarrini, Hominidae, Rome,
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Submitted (16-00T-1995) The Sanger Centre, Hinxton, Tambridgeshive
CBF0 1RQ, England E-mail Contact: hunglerrydsanger.ac., x
2 (Dases 1 to 160)
Cross.S.H., Charlton.J.A., Nam,X. and Bird.A.F.
Purlication of CpG islands using a metnylated DNA Linding column
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    (bases I to 160)
    MadDonald,M., Bicklett, Wilkinson,P. and Micklem,2.

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Macbodald.M., Huckle.E., Wilkinson.P. and Micklemen.
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160.0%; Pred. No. 1.6e.94;
tive 0: Mismanches 0;
S.Y.
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GFG island; genomic Msel fragment.
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/db_xref="taxon:96u6"
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/clone_lib="col-1"
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57 c 48 g
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